# Basic principles

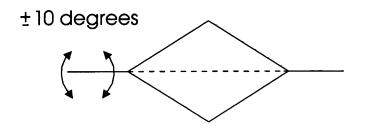


Fig. 1

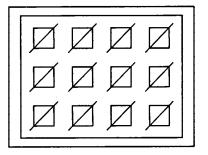


Fig. 2

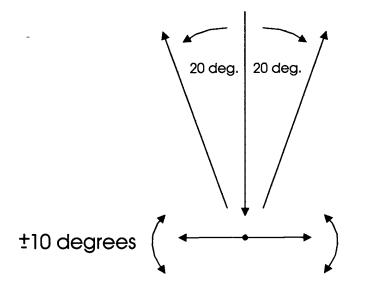


Fig. 3

# Mirror HMD - Single Stage

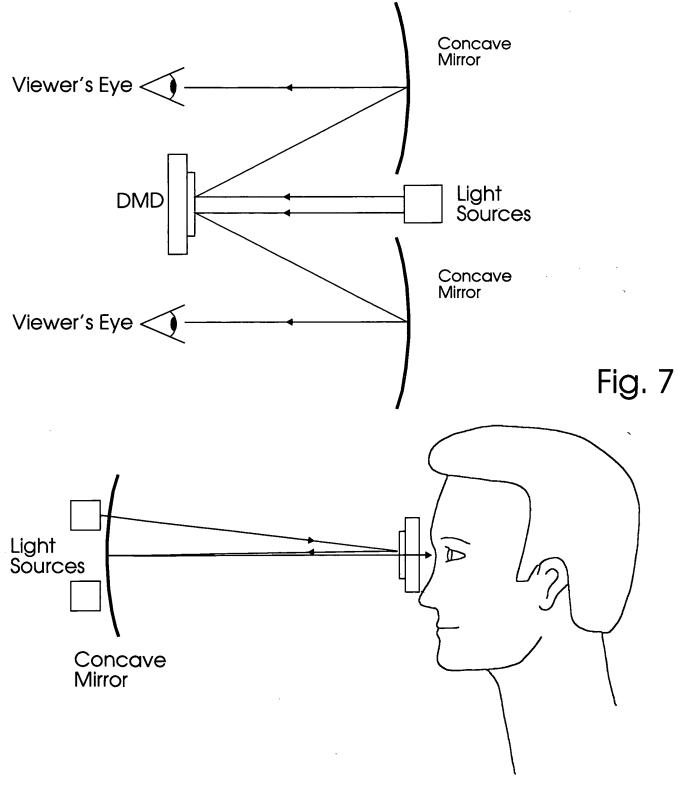


Fig. 8

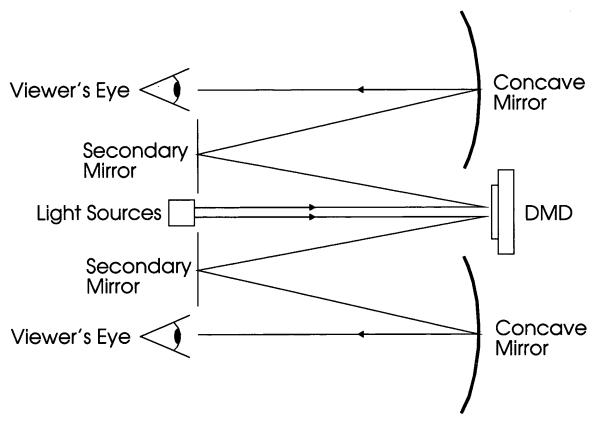


Fig. 9

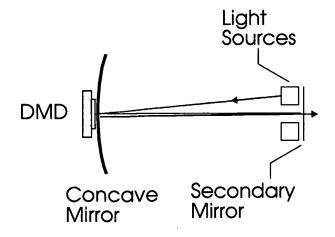
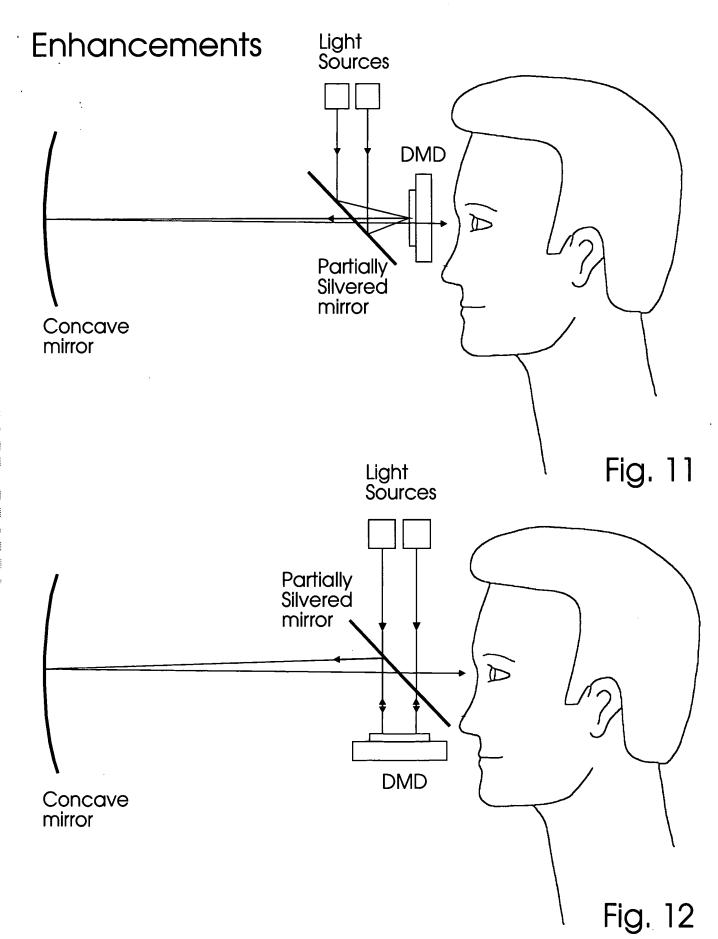
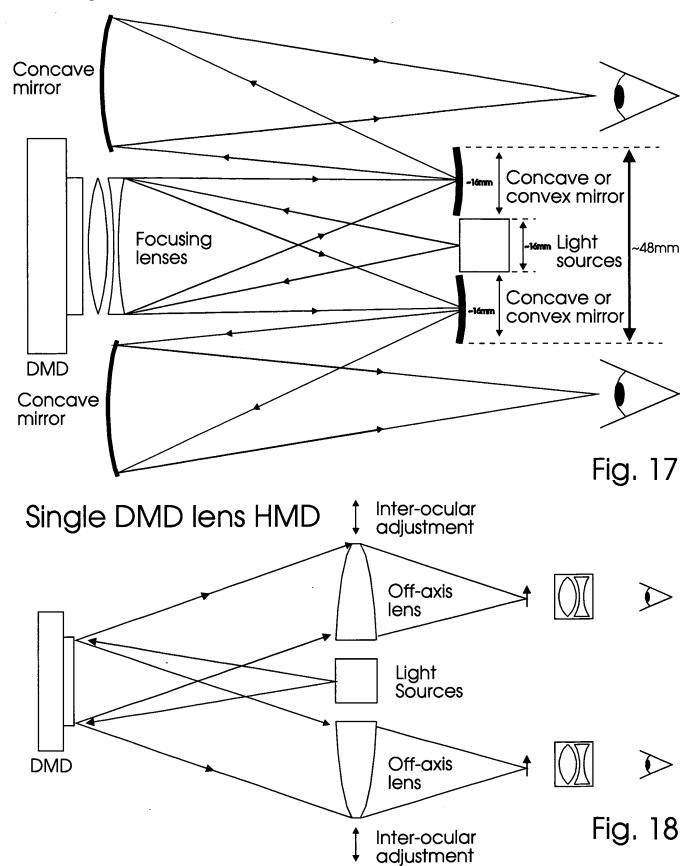


Fig. 10



D9897159 .O91001

#### 2 stage dual mirror hybrid HMD



# Prismatic lens design

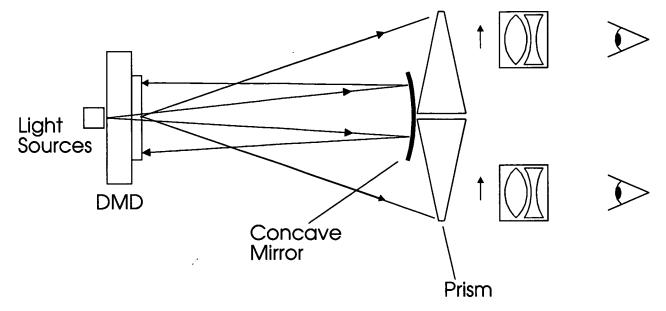


Fig. 19

# Binocular lens design

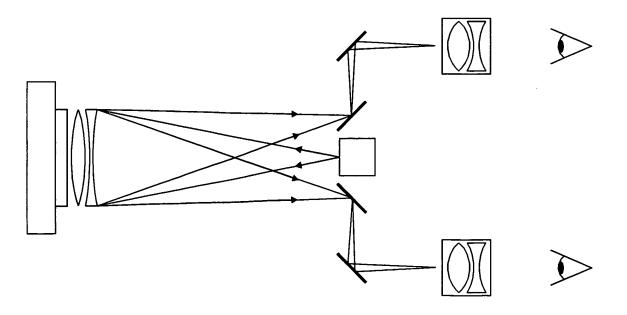


Fig. 20

# Single stage hybrid lens system

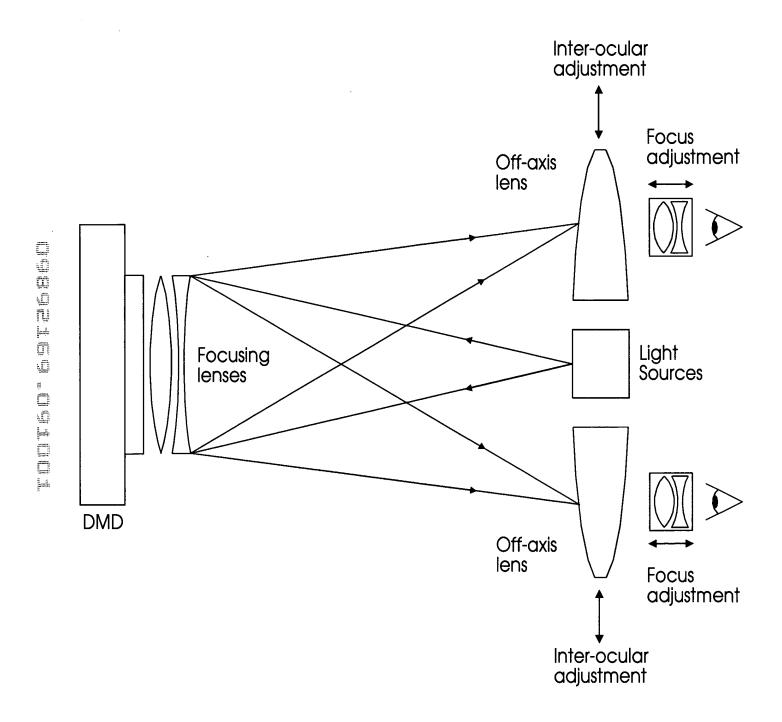
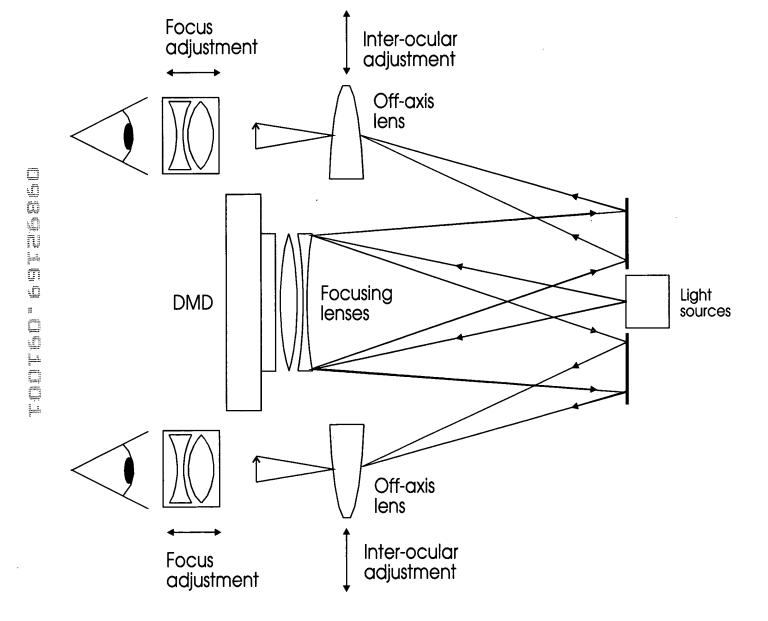
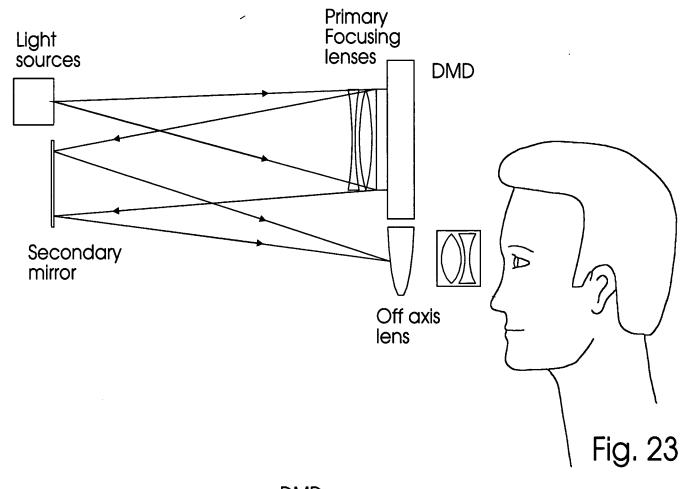
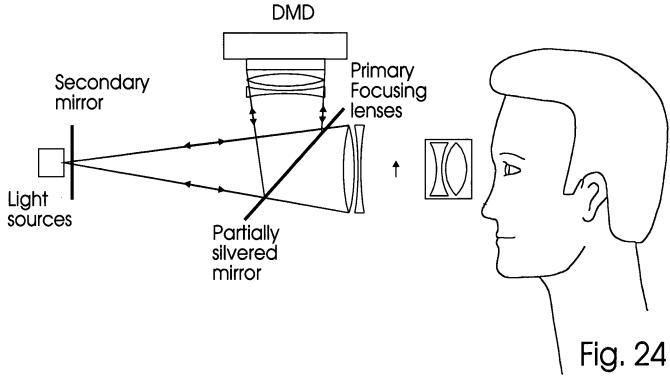


Fig. 21

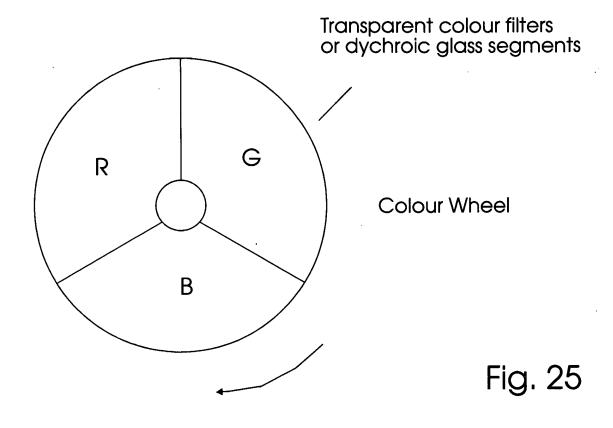


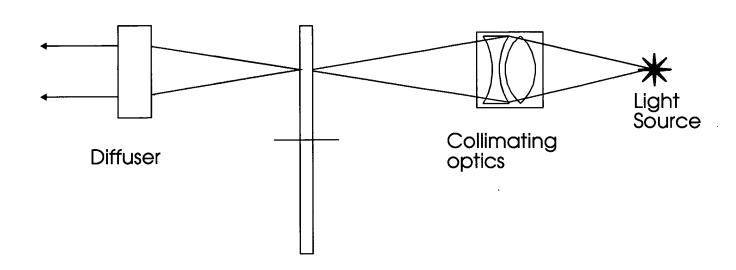
#### Lens HMD enhancements





### Light sources





## Light sources

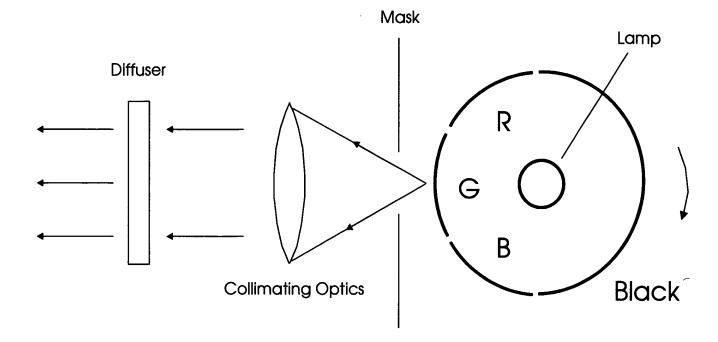
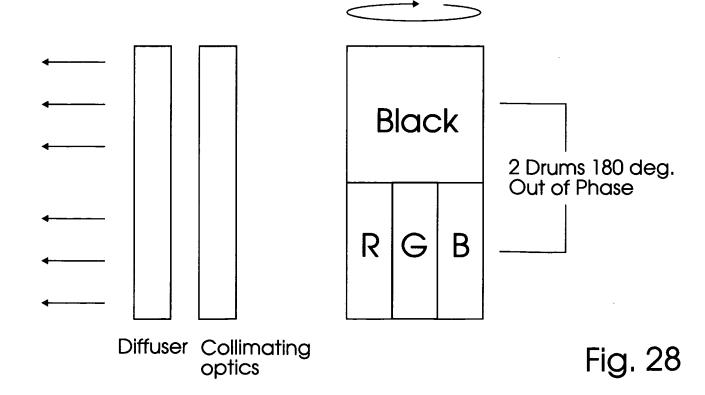


Fig. 27



### Light sources

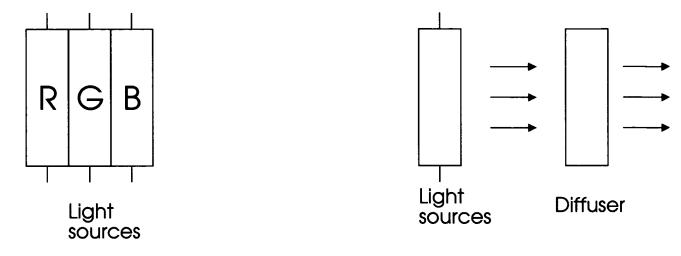
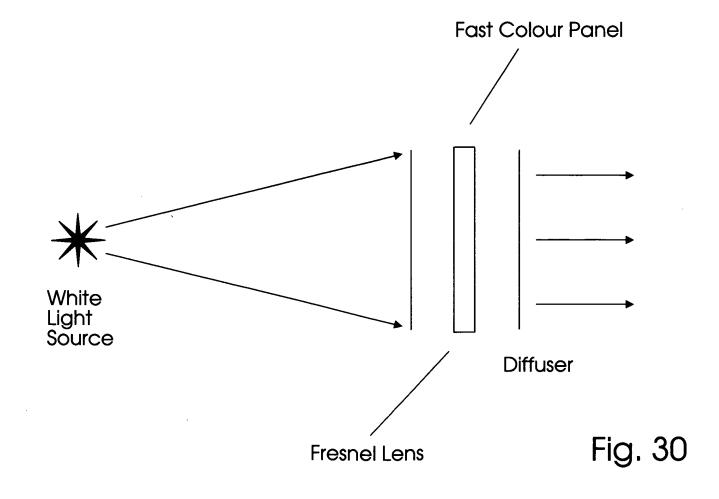
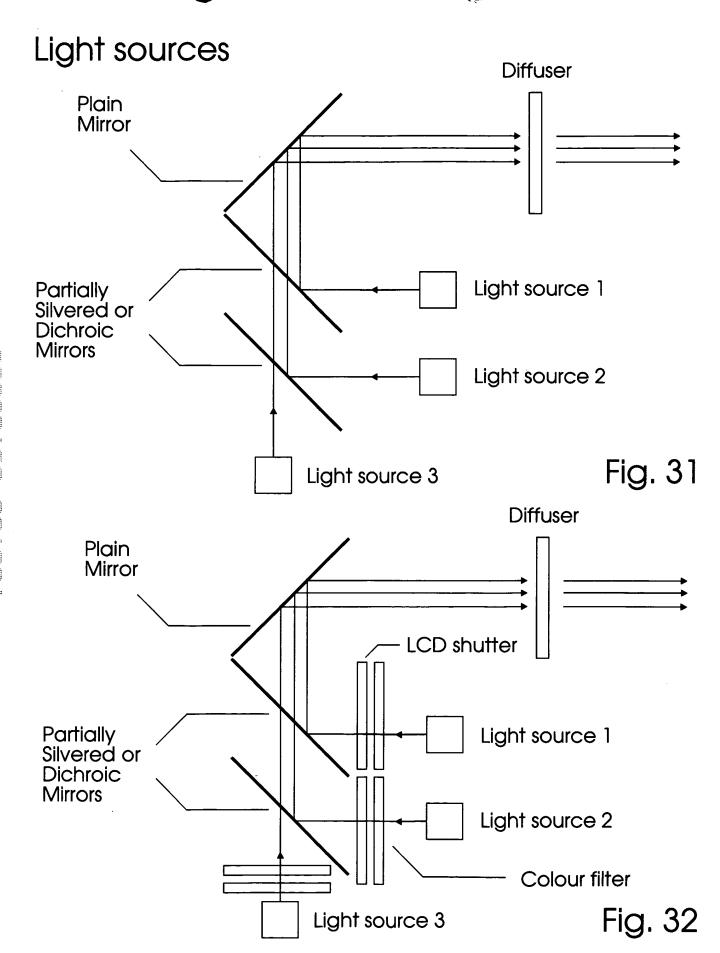


Fig. 29





### **Light Sources**

#### LED Array-1 (Monochrome LEDs)

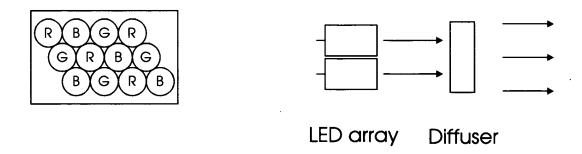
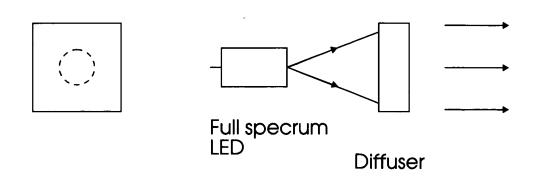
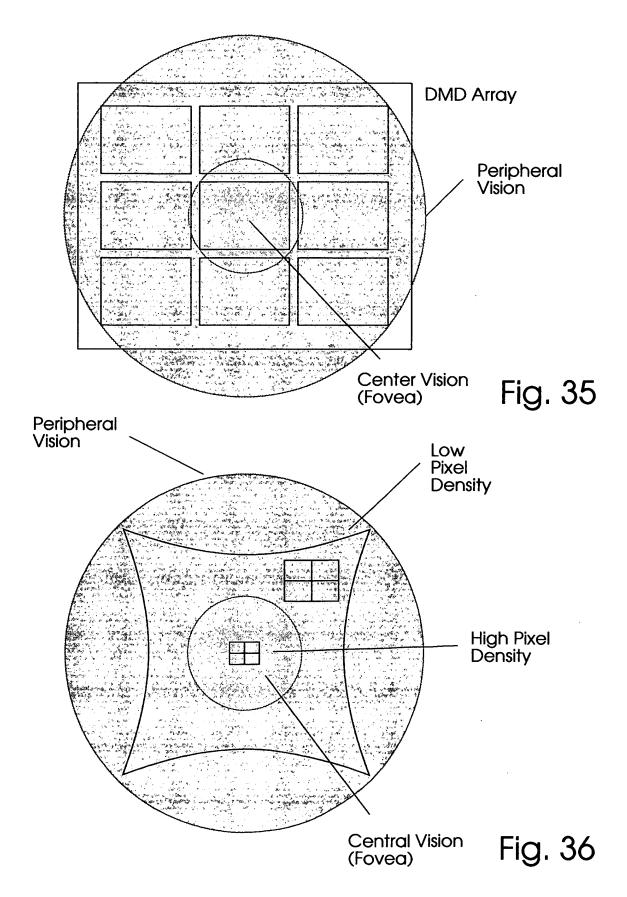


Fig. 33

# LED Array - 2 (Full Spectrum LEDs)



### Optical enhancements



# Colour space comparison

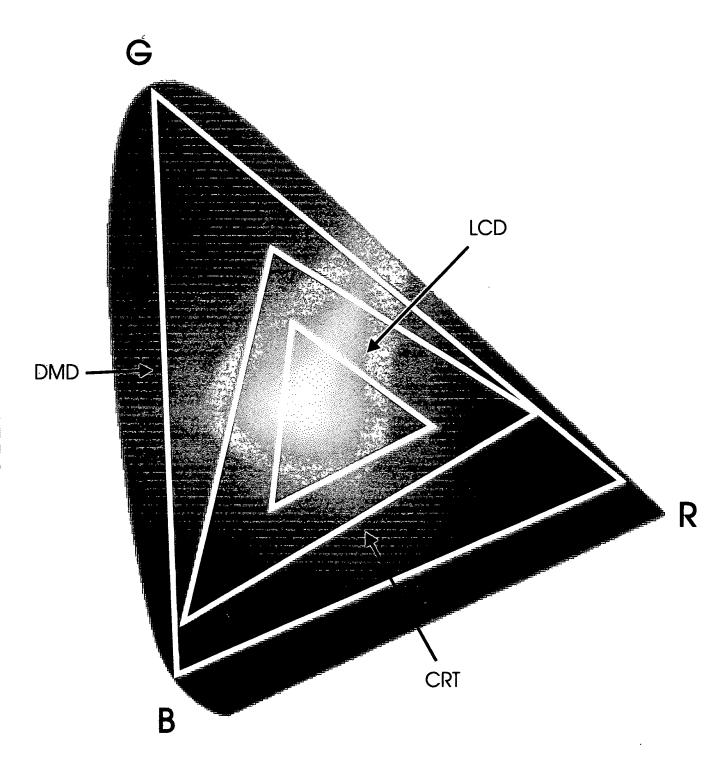


Fig. 37